

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/13/2018

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	22.80	22.71	21.45	21.06	21.21	22.90	27.01	29.00	29.41	32.31	32.11	33.46	35.28	37.22	38.56	38.43	39.64	38.75	36.06	37.23	36.48	32.37	27.36	26.30
61757	1.35	1.24	1.11	1.10	1.16	1.35	1.71	1.90	2.05	2.23	1.96	2.10	2.15	2.21	2.25	2.28	2.35	2.43	2.42	2.53	2.58	2.31	1.81	1.55
	-1.36	-2.72	-3.01	-3.08	-2.70	-2.30	-1.20	-1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.38	-2.58
CENTRL	20.49	19.17	17.69	17.27	17.69	19.64	24.56	25.97	27.50	30.10	30.42	31.58	33.62	35.42	36.86	36.92	38.43	36.79	33.94	35.18	34.28	30.80	24.71	22.99
61754	0.30	0.24	0.17	0.19	0.17	0.23	0.38	0.33	0.27	0.24	0.48	0.47	0.50	0.45	0.51	0.40	0.52	0.44	0.30	0.49	0.37	0.30	0.27	0.38
	-0.09	-0.17	-0.19	-0.20	-0.17	-0.15	-0.08	-0.02	0.13	0.22	0.21	0.24	0.00	0.05	-0.04	-0.36	-0.62	-0.03	0.00	0.00	0.00	-0.44	-0.28	-0.44
DUNWOD	23.07	22.55	21.19	20.76	20.94	22.77	27.33	29.23	30.12	33.21	33.25	34.62	36.47	38.69	40.15	40.06	41.24	40.31	37.34	38.31	37.43	33.27	27.68	26.26
61760	1.93	1.72	1.56	1.52	1.53	1.75	2.31	2.48	2.76	3.13	3.11	3.26	3.34	3.68	3.85	3.91	3.95	4.01	3.70	3.61	3.53	3.22	2.47	2.13
	-1.04	-2.08	-2.30	-2.35	-2.06	-1.76	-0.91	-1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.05	-1.96	
GENESE	20.19	18.85	17.41	17.01	17.40	19.32	24.18	24.99	26.29	28.38	28.86	29.92	31.66	32.77	34.16	35.68	36.53	35.81	33.17	34.42	33.57	30.01	24.13	22.56
61753	0.02	-0.04	-0.07	-0.03	-0.09	-0.06	0.02	-0.28	-0.41	-0.60	-0.24	-0.22	-0.20	-0.52	-0.51	-0.47	-0.30	-0.51	-0.47	-0.28	-0.34	-0.36	-0.24	0.07
	-0.07	-0.13	-0.15	-0.15	-0.13	-0.11	-0.06	0.34	0.65	1.10	1.04	1.21	1.27	1.72	1.64	0.00	0.46	0.00	0.00	0.00	0.00	-0.32	-0.20	-0.33
H Q	19.36	18.13	16.79	16.35	16.81	18.64	23.28	24.82	26.32	27.80	28.16	29.10	31.05	32.98	34.17	34.10	36.20	35.12	31.47	32.26	31.47	27.84	22.89	20.73
61844	-0.68	-0.62	-0.54	-0.54	-0.54	-0.62	-0.82	-0.79	-0.85	-0.93	-0.93	-0.97	-0.99	-1.02	-1.05	-1.05	-1.08	-1.20	-1.14	-1.18	-1.19	-1.08	-0.87	-0.82
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	1.35	1.05	1.28	1.09	1.02	1.08	1.00	0.00	0.00	1.03	1.26	1.25	1.13	0.41	0.61
HUD VL	22.89	22.37	21.02	20.62	20.80	22.61	27.09	29.04	29.90	33.00	33.01	34.40	36.21	38.38	39.83	39.77	40.94	40.03	37.07	38.06	37.19	33.09	27.51	25.99
61758	1.77	1.58	1.42	1.42	1.42	1.62	2.10	2.31	2.54	2.92	2.87	3.04	3.08	3.36	3.52	3.61	3.66	3.71	3.43	3.36	3.29	3.03	2.34	1.95
	-1.02	-2.05	-2.27	-2.32	-2.03	-1.73	-0.90	-1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.87	
LONGIL	29.30	25.65	21.85	21.40	21.55	23.50	30.23	33.45	33.63	35.58	35.83	38.32	39.22	41.10	42.58	42.56	55.57	45.56	40.23	42.82	39.59	37.22	35.42	36.54
61762	2.65	2.40	2.20	2.15	2.13	2.47	3.25	3.46	3.80	4.30	4.19	4.39	4.60	4.97	5.30	5.35	5.48	5.45	5.01	5.00	4.68	4.30	3.34	2.88
	-6.55	-4.50	-2.32	-2.36	-2.07	-1.77	-2.88	-4.37	-2.47	-1.20	-1.49	-2.57	-1.48	-1.12	-0.98	-1.05	-12.80	-3.79	-1.57	-3.12	-1.01	-2.87	-7.91	-11.49
MHK VL	20.61	19.31	18.00	17.56	18.01	19.85	24.94	26.55	28.23	31.05	31.17	32.42	34.42	36.24	37.54	37.31	38.52	37.56	34.75	36.09	35.19	31.67	25.25	23.39
61756	0.40	0.34	0.43	0.42	0.45	0.41	0.75	0.82	0.88	0.96	1.03	1.07	1.29	1.22	1.24	1.16	1.23	1.24	1.11	1.39	1.29	0.99	0.70	0.62
	-0.11	-0.22	-0.24	-0.25	-0.21	-0.18	-0.10	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	-0.38	-0.60
MILLWD	23.01	22.52	21.16	20.75	20.90	22.73	27.26	29.19	30.09	33.18	33.19	34.56	36.41	38.62	40.12	40.02	41.24	40.31	37.37	38.34	37.43	33.27	27.67	26.24
61759	1.87	1.67	1.51	1.49	1.47	1.70	2.24	2.44	2.74	3.10	3.04	3.20	3.28	3.61	3.81	3.87	3.95	4.00	3.73	3.64	3.53	3.22	2.44	2.08
	-1.05	-2.10	-2.32	-2.37	-2.08	-1.77	-0.92	-1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	-1.99	
N.Y.C.	27.89	24.07	22.68	22.08	21.17	23.02	27.67	29.57	30.91	36.93	37.75	39.62	39.84	39.91	41.81	41.57	42.40	41.38	38.72	39.43	38.74	35.64	30.32	28.49
61761	2.19	1.97	1.79	1.74	1.75	2.00	2.65	2.82	3.12	3.58	3.53	3.76	3.87	4.13	4.43	4.37	4.43	4.43	4.14	4.02	3.93	3.64	2.80	2.44
	-5.60	-3.35	-3.57	-3.45	-2.07	-1.76	-0.92	-1.13	-0.44	-3.26	-4.07	-4.50	-2.83	-0.77	-1.08	-1.04	-0.68	-0.63	-0.94	-0.71	-0.91	-1.95	-3.35	-3.89
NORTH	19.15	17.91	16.67	16.18	16.74	18.43	23.04	24.70	26.45	29.15	29.21	30.35	32.27	34.24	35.47	35.36	36.39	35.01	32.26	33.31	32.41	25.78	21.64	19.15
61755	-0.94	-0.84	-0.66	-0.71	-0.61	-0.83	-1.06	-0.92	-0.90	-0.93	-0.93	-1.00	-0.86	-0.77	-0.83	-0.80	-0.90	-1.31	-1.38	-1.39	-1.49	-1.53	-1.28	-1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.74	1.25	1.85
NPX	22.85	22.56	21.30	20.87	21.00	22.74	27.01	28.90	29.86	32.08	32.29	33.58	35.38	37.50	38.81	38.72	39.86	39.01	36.27	37.27	36.52	32.46	27.29	26.17
61845	1.53	1.35	1.25	1.20	1.21	1.41	1.83	1.95	2.16	2.35	2.14	2.23	2.25	2.49	2.50	2.57	2.57	2.69	2.63	2.57	2.61	2.41	1.86	1.64
	-1.23	-2.46	-2.72	-2.78	-2.44	-2.07	-1.08	-1.33	-0.35	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.26	-2.36	

O H 61846	20.09	18.80	17.30	16.95	17.30	19.16	23.82	24.52	25.99	27.46	28.48	29.59	30.25	31.34	32.40	33.57	34.03	34.58	32.09	33.31	32.41	28.88	23.40	22.05
	-0.10	-0.13	-0.23	-0.14	-0.23	-0.25	-0.36	-0.90	-1.23	-1.47	-0.90	-0.88	-1.03	-1.33	-1.34	-1.37	-1.38	-1.63	-1.55	-1.39	-1.49	-1.17	-0.85	-0.27
	-0.09	-0.18	-0.20	-0.20	-0.18	-0.15	-0.08	0.21	0.13	1.15	0.76	0.89	1.85	2.34	2.56	1.21	1.88	0.11	0.00	0.00	0.00	0.00	-0.08	-0.15
PJM 61847	21.92	20.78	19.37	18.96	19.16	20.98	25.58	27.09	28.43	30.74	31.47	32.66	34.54	36.40	37.89	37.97	39.45	37.73	34.88	35.90	35.02	31.20	25.77	24.26
	0.86	0.75	0.64	0.66	0.64	0.73	0.96	0.90	0.79	0.90	1.15	1.22	1.19	1.26	1.34	1.34	1.38	1.34	1.21	1.18	1.08	1.08	0.85	0.89
	-0.96	-1.28	-1.40	-1.42	-1.16	-0.99	-0.52	-0.57	-0.28	0.24	-0.18	-0.08	-0.22	-0.12	-0.24	-0.47	-0.78	-0.06	-0.03	-0.02	-0.03	-0.06	-0.75	-1.21
WEST 61752	20.61	19.26	17.71	17.34	17.71	19.64	24.51	25.17	26.37	28.68	29.48	30.66	36.11	38.13	40.62	40.83	44.09	36.25	32.97	34.32	33.33	29.70	24.05	22.69
	0.42	0.34	0.19	0.25	0.19	0.23	0.34	-0.23	-0.49	-0.57	0.12	0.22	0.13	-0.07	-0.07	-0.07	-0.15	-0.47	-0.67	-0.38	-0.58	-0.36	-0.19	0.38
	-0.09	-0.17	-0.19	-0.20	-0.17	-0.15	-0.08	0.22	0.50	0.83	0.79	0.92	-2.85	-3.18	-4.39	-4.75	-6.95	-0.40	0.00	0.00	0.00	0.00	-0.08	-0.15